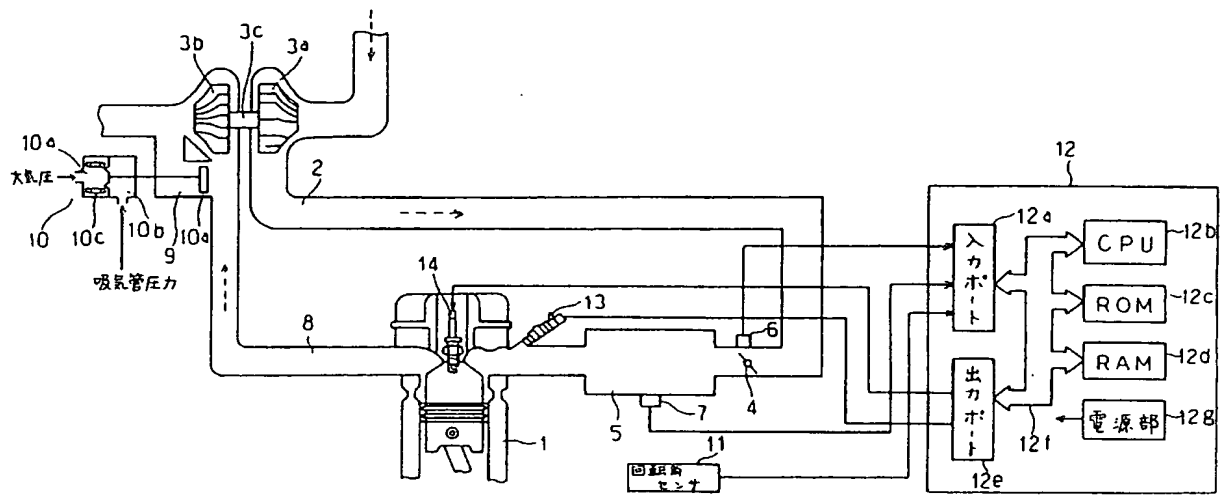


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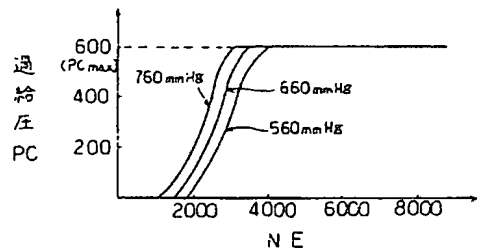
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 PD - 1991-07-16  
 PR - JP19890301579 19891120  
 OPD - 1989-11-20  
 TI - CONTROL DEVICE OF INTERNAL COMBUSTION ENGINE WITH SUPERCHARGER  
 IN - MIZUNO TOSHIAKI; KOUISHI NORIYASU  
 PA - NIPPON DENSO CO  
 IC - F02B37/12 ; F02D45/00

Q PAJ : JPO

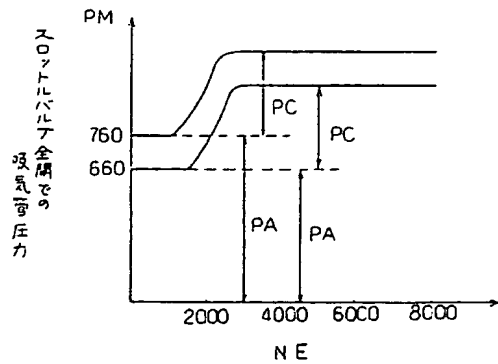
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 PD - 1991-07-16  
 AP - JP19890301579 19891120  
 IN - MIZUNO TOSHIAKI; others: 01  
 PA - NIPPONDENSO CO LTD  
 TI - CONTROL DEVICE OF INTERNAL COMBUSTION ENGINE WITH SUPERCHARGER  
 AB - PURPOSE:To enable the accurate detection of atmospheric pressure without requiring an exclusive pressure sensor by computing the atmospheric pressure on the basis of supercharging pressure and intake pipe pressure on the downstream side of a throttle valve at the time of the opening degree of the throttle valve being over the specified value.  
 - CONSTITUTION:A supercharger A supercharges air supplied into an internal combustion engine B. In this case, the opening degree of a throttle valve in the intake pipe of the internal combustion engine B is detected by a means C, and the intake pipe pressure on the downstream side of the throttle valve is detected by a pressure sensor D. The engine speed of the internal combustion engine b is further detected by a means E, and when the opening of the throttle valve is over the specified value, boost pressure is detected by a means F on the basis of the atmospheric pressure computed from the engine speed of the internal combustion engine B and the preceding control timing. On the basis of the boost pressure and intake pipe pressure, the atmospheric pressure is computed by a means G. The atmospheric pressure is thus detected with accuracy by using the pressure sensor D for intake pipe pressure.  
 I - F02D45/00 ;F02B37/12 ;F02D45/00



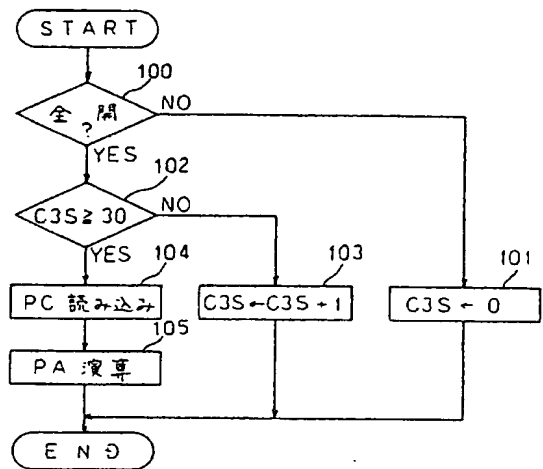
第 2 図



第 3 図



第 4 図



第 5 図